Authors alone are responsible for the views set forth in their respective papers; these should be sent (two copies) to the Editor at the Society's office. Authors are advised to consult the *Notes for the Guidance of Authors* (available from the Society's publications office) before submitting papers. Those who are members of the Society are allowed, free of charge, 50 copies of their papers published in the magazine. Copyright of all papers accepted shall be assigned to the Society before publication, except where Crown Copyright is reserved.

CONTENTS OF No. 374, MARCH 1990

Constanting and Datastant	page
Geochemistry and Petrology Y. AHMED-SAID and B. E. LEAKE: S-type granite formation in the Dalradian rocks of Connemara, W. Ireland	1
H. V. EALES, W. J. DE KLERK and A. R. BUTCHER: The cyclic unit beneath the UGl chromitite (UGIFW unit) at RPM Union Section Platinum Mine—Rosetta Stone of the Bushveld Upper Critical Zone?	23
L. B. CLARKE and M. J. LEBAS: Magma mixing and metasomatic reaction in silicate-carbonate liquids at the Kruidfontein carbonatitic volcanic complex, Transvaal	45
T. N. HARRISON, I. PARSONS and P. E. BROWN: Mineralogical evolution of fayalite- bearing rapakivi granites from the Prins Christians Sund pluton, South Greenland C. H. DONALDSON: Forsterite dissolution in superheated basaltic, and esitic and rhyolitic	57
melts	67
Silicate Mineralogy K. S. ACHARYYA, S. MUKHERJEE and A. BASU: Manganian and alusite from Manbazar, Purulia District, West Bengal, India	75
 U. H. JAKOBSEN: A hydrated barium silicate in unmetamorphosed sedimentary rocks of central North Greenland P. NØRNBERG: A potassium-rich zeolite in soil development on Danian chalk 	81 91
 P. TSOLIS-KATAGAS and C. KATAGAS: Zeolitic diagenesis of Oligocene pyroclastic rocks of the Metaxades area, Thrace, Greece 	95
P. J. DUNN, D. R. PEACOR, J. A. NELEN, R. A. RAMIK and J. INNES: A sakhaite-like mineral from the Kombat Mine in Namibia	105
Non-Silicate Mineralogy K. KIEFT and A. H. DAMMAN: Indium-bearing chalcopyrite and sphalerite from the Gåsborn area, West Bergslagen, central Sweden	109
R. R. COENRAADS, F. LIN SUTHERLAND and P. D. KINNY: The origin of sapphires: U-Pb dating of zircon inclusions sheds new light	113
A. PUTNIS, B. WINKLER and L. FERNANDEZ-DIAZ: In situ IR spectroscopic and thermogravimetric study of the dehydration of gypsum	123
Short Communications R. S. W. BRAITHWAITE and J. R. KNIGHT: Rare minerals, including several new to Britain,	
in supergene alteration of U–Cu–As–Bi–Co mineralisation near Dalbeattie, south Scotland	129
C. NICOLLET: Occurrences of grandidierite, serendibite and tourmaline near Ihosy, southern Madagascar	131
E. S. GREW, M. G. YATES and W. DELORRAINE: Serendibite from the northwest Adirondack Lowlands, in Russell, New York, USA	133
Mineralogical Note P. BAYLISS and A. H. CLARK: Mineral nomenclature: berndtite polytypes	137
Book Reviews	139